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SEALING DEVICE

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ABSTRACT

PROBLEM TO BE SOLVED: To enhance the sealability by providing a deformation restricting means for restricting the deformation of a first sealing part in between the first sealing part and a backup means, thereby restricting both deformation of the first sealing part and variation of the bearing pressure, owing to the synergetic effect of this deformation restricting means and the backup means.

SOLUTION: This sealing device is for sealing an annular gap between a housing 103 and a shaft 200, which are assembled coaxially and relatively free to move, and is provided with a first seal lip part 125 made of a rubbery elastic member slidably touching the shaft 200 and a backup ring 111 for supporting the first seal lip part 125. The device is also provided with a second seal lip part 127 made of the rubbery elastic material forming the first seal lip part 125 and placed in between the first seal lip part 125 and the backup ring 111 in order to restrict the deformation of the first seal lip part 125.

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